

Monday, March 24, 2003

	WATER TECHNICAL Monks/Ploughman (Valid for Water Treatment, Water Distribution Hours)	WASTEWATER TECHNICAL Yeoman (Valid for Wastewater Process Control Hours)	PROFESSIONAL DEVELOPMENT Friars/Merchants (Valid for Water Treatment, Water Distribution or NonProcess Control Wastewater Hours)	WATER DISTRIBUTION Wooden (Valid for Water Treatment, Water Distribution Hours)
8:30 AM – 9:50 AM	Opening Session – Welcome, Announcements, Awards Canterbury Hall (Monks/Ploughman, Yeoman and Friars/Merchants)			
10:00 AM – 10:50 AM	Reg Update Focusing On Lt1, DBP Stage 1, Filter Backwash Rule, Arsenic Vicki Ray Division of Water	Automated Control of Aerated Reactors Improves BNR and Reduces Power Costs Debbie Hyke U.S. Filter/Envirex	Who's In Charge-It Starts With You Part One Dr. Scott Sheperd	Leak Detection Tom McGee Fluid Conservation Systems
11:00 AM – 11:50 AM	Boil Water Advisories Wesley Turner Division of Water	Principles of Dissolved Oxygen Measurement: An Introduction to Science, Methods and Applications of Dissolved Oxygen Measurement Christine Brittin YSI	Who's In Charge–It Starts With You Part Two Dr. Scott Sheperd	Line Locating Ken Smith MetroTech
12:00 PM – 1:00 PM	Lunch On Your Own			
1:00 PM – 1:50 PM	New Technologies: The Rest Of The Story Julie Roney Division of Water	Division of Water Inspections of Wastewater Systems Peyton Adams/Gretchen Bartley Division of Water	Conflict Management Part One Dr. Scott Sheperd	Cleaning and Epoxy Lining For Water Mains Todd Fuller Northern Kentucky Water District
2:00 PM – 2:50 PM	Setting Up A PWS Recordkeeping System Maxine Goebel Division of Water	Environmental Compliance Part One Richard Walters Walters Environmental Consulting	Conflict Management Part Two Dr. Scott Sheperd	Backflow and Cross Connection Prevention Dillard Griffin/Harold Garrison Bluegrass Cross Connection Prevention Association
3:00 PM – 3:50 PM	Filtration – Part One Dr. Tim Wolfe Montgomery Watson	Environmental Compliance Part Two Richard Walters Walters Environmental Consulting	Creative Problem Solving Part One Dr. Scott Sheperd	Dechlorination and Flushing Programs Stan Stockton Kentucky-American Water Company
4:00 PM – 4:50 PM	Filtration-Part Two Dr. Tim Wolfe Montgomery Watson	The Carroll-Gallatin-Owen Regional Sewer System-A Case Study Bill Osborne Carroll-Gallatin-Owen Regional Sewer System	Creative Problem Solving Part Two Dr. Scott Sheperd	Large Meter Sizing and Testing Rodney Adkins/Steve McKinney CI Thornburg

Tuesday, March 25, 2003

	WATER TECHNICAL Monks/Ploughman (Valid for Water Treatment, Water Distribution Hours)	WASTEWATER TECHNICAL Yeoman (Valid for Wastewater Process Control Hours)	GENERAL TECHNICAL Friars/Merchants (Valid for Water Treatment, Water Distribution and Wastewater Non Process Hours)	WASTEWATER TREATMENT ADVANCED ACTIVATED SLUDGE COURSE (Valid for Wastewater Process Control Hours)	PLANT TOURS
8:30 AM – 9:20 AM	Tank Study Dr. Jim Uber University of Cincinnati	Security Issues for Wastewater Systems Nanette Edwards, Allen Adams, Steve Riley Louisville MSD	Immersed Membranes for Drinking Water and Wastewater Treatment Teresa Voisin Zenon Environmental	Activated Sludge Process Controls- Part One Overview of Activated Sludge Process Cntrls Return Sludge Len Ashack and David Denman Bernardin, Lochmueller & Associates, Inc. NOTE: Operators who attend this training should make every effort to remain for the full course	Drinking Water Plant Tour 8:30 AM – 11:30 AM Limited to 45 (Sign Up Sheet at Information Desk) (Valid for Water Treatment, Water Distribution Hours)
9:30 AM – 10:20 AM	UV Pilot Study at Northern Kentucky Water District Bari Joslyn Northern Kentucky Water Anissa Baker Black and Veach	Troubleshooting WWTP and Unit Processes – A Systematic Approach Part One Tom Schwing	Stormwater Phase II Johnny Gonzales Division of Water		
10:30 AM – 11:20 AM	Let’s Talk Drinking Water Compliance Issues! – A Question and Answer Session Sara Sproles/Crystal Davis Division of Water	Troubleshooting WWTP and Unit Processes – A Systematic Approach Part Two Tom Schwing	GIS/GPS Ron Householder MapSync		
11:30 AM – 1:00 PM Lunch In Exhibit Hall (London Hall)					
1:00 PM – 1:50 PM	Performance Based Training – A Water Plant Perspective Jonathon Oglesby City of Franklin	Nitrification/Denitrification Tab Farthing Hall and Associates	Water and Wastewater Utility Management – What Does It Mean To Be A Utility Manager Tom Schwing	Activated Sludge Process Controls – Part Two Microbiology Troubleshooting Len Ashack and David Denman Bernardin, Lochmueller & Associates, Inc. NOTE: Operators who attend this training should make every effort to remain for the full course	Wastewater Plant Tour 1:00 PM – 3:00 PM Limited to 45 (Sign Up Sheet at Information Desk) (Valid for Wastewater Process Control Hours)
2:00 PM – 2:50 PM	Vulnerability Assessments John Weil GRW Engineers	Managing Sanitary Sewer Overflows – Part One Steve Tilson SRECO-FLEXIBLE	DEP’s New Database Affects You! Donna Marlin Division of Water		
3:00 PM – 3:50 PM	Training Water Plant Personnel on Coliform Sampling Julie Roney Division of Water	Managing Sanitary Sewer Overflows-Part Two Steve Tilson SRECO-FLEXIBLE	Source Water Protection Bill Caldwell and Pamla Wood Division of Water		

Wednesday, March 26, 2003

	WATER TECHNICAL Monks/Ploughman (Valid for Water Treatment, Water Distribution Hours)	WASTEWATER TECHNICAL Yeoman (Valid for Wastewater Process Control Hours)	GENERAL SAFETY TECHNICAL Friars/Merchants (Valid for Water Treatment, Water Distribution and Wastewater NonProcess Hours)
8:00 AM – 8:50 AM	Colilert and Membrane Comparison Gil Ditcher IDEXX	Industrial Pretreatment Jim Buckles Tetra Tech	Confined Space Rescue Regulations Bob Stark, Northern Kentucky Water Rod Bell, Sanitation District #1
9:00 AM – 9:50 AM	Hydraulic Modeling for Distribution Systems-Part One Dr. Don Wood University of Kentucky	Flow Measurement Stuart Bowns Woolpert	Sanitation District #1 Rescue Team Equipment and Rescue Techniques Bob Stark, Northern Kentucky Water Rod Bell, Sanitation District #1
10:00 AM – 10:50 AM	Hydraulic Modeling for Distribution Systems – Part Two Dr. Don Wood University of Kentucky	Reduction Operating Costs – Lowering Energy Can Also Reduce Your Sludge – Part One Dan Miklos ATS	Chlorine Safety Melissa Durbin Technical Learning College
11:00 AM – 11:50 AM	How TEMPO Will Be Affecting PWS Compliance (MORs) Emily Harkenrider Division of Water	Reduction Operating Costs – Lowering Energy Can Also Reduce Your Sludge – Part Two Dan Miklos ATS	Responding to Chlorine Emergencies Melissa Durbin Technical Learning College
12:00 PM – 1:00 PM	Lunch On Your Own		
1:00 PM – 1:50 PM	Peak Hourly Demand Scott Thomson Division of Water	An Engineering Perspective Analyzing Your System Tom Luking Tetra Tech	Excavation, Trenching and Shoring Anthony Russell OSHA
2:00 PM – 2:50 PM	Antennas on Water Tanks and Towers John Wagner TAMI	Manhole Rehabilitation and I & I Matt Terranova AJ Enterprises	Bloodborne Pathogens Anthony Russell OSH